

## **REMARKS**

Claims 1-27 are currently pending in the application. Of these claims, claims 1, 12, and 26 are independent. Claim 12 has been amended. No other claims have been amended. No claims have been added or canceled.

### **Claim 12 Amendment**

Claim 12 has been amended only to correct a typographical error. The scope of claim 12 is not impacted by this amendment.

### **Information Disclosure Statement**

The Office Action in paragraph 1 states that the Information Disclosure Statement ("IDS") filed February 19, 2002 has not been considered because it lacked legible copies of cited documents.

Applicant assumes that the February 19, 2002 date in the Office Action is in error and that this statement applies to the IDS filed June 19, 2003.

Applicant notes copies of the first two documents (AA and AB) cited in the June 19, 2003 IDS are presently part of the present application's Image File Wrapper provided through the U.S. Patent and Trademark Office's Public Patent Application Information Retrieval (PAIR) system. A copy of the third cited document (AC), however, does not appear to have been made a part of the present application's Image File Wrapper.

Nevertheless, Applicant is resubmitting the three cited documents in a separate IDS.

### **Oath or Declaration**

The Office Action in paragraph 2 and in the Notice of Informal Application attached to the Office Action states that the oath or declaration for the present application is defective for lack of signatures by the inventors and that a new oath or declaration is required.

On May 30, 2002, Applicant filed a Declaration (or copy thereof) signed by all three inventors in response to the April 2, 2002 Notice to File Missing Parts of Nonprovisional Application. Applicant notes this filed Declaration (or copy thereof) is presently part of the

present application's Image File Wrapper provided through the U.S. Patent and Trademark Office's Public Patent Application Information Retrieval (PAIR) system.

Nevertheless, Applicant is resubmitting herewith a copy of the signed Declaration filed on May 30, 2002.

#### Prior Art Rejections

In paragraph 4 of the Office Action, claims 1-2, 12-13, and 26 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,792,031 B1 to Sriram et al. ("Sriram").

Applicant respectfully traverses these rejections as follows.

Applicant notes Sriram issued on September 14, 2004 and therefore does not qualify as prior art under 35 U.S.C. § 102(b) with respect to the present application which was filed on February 19, 2002. Nevertheless, Applicant is responding to these rejections as if they were made under 35 U.S.C. § 102(e).

Independent claims 1, 12, and 26 recite interrupts having a rate of generation per unit time independent of a rate of a transfer of information per unit time.

Sriram taught, with reference to Figure 2, interrupt generator 214 which generates task-based interrupts. The Office Action states on page 3 at lines 9-10:

Because the interrupts are generated by data tasks and not the data the interrupt rate is independent of the data transfer rate.

Applicant respectfully submits, however, that this interpretation of Sriram is contradicted by the actual teachings of Sriram.

Sriram taught use of a global chip counter (GCC) 100 to maintain timing in a code division multiple access (CDMA) rake receiver employing a correlator co-processor (CCP) 200. See, e.g., Sriram in column 4 at lines 6-27. GCC 100 is to count samples of CDMA signals as they arrive at the receiver. See, e.g., Sriram in column 4 at lines 22-32. Sriram also taught all timing in CCP 200 is relative to the GCC 100 count value. See, e.g., Sriram in column 4 at lines 32-44 and in column 6 at lines 43-49. Noting interrupt generator 214 as illustrated in Figure 2 of Sriram forms a part of CCP 200, Applicant therefore respectfully submits the rate of generation of interrupts by interrupt generator 214 per unit time is not independent of data transfer rate.

Noting claims 2 and 13 depend from independent claim 1 or 12, Applicant therefore respectfully submits these rejections have been overcome and should accordingly be withdrawn.

Note that there may be additional reasons for the patentability of claims. For example, there may be additional reasons why the dependent claims are patentable.

It is respectfully submitted this patent application is in condition for allowance, for which early action is earnestly solicited.

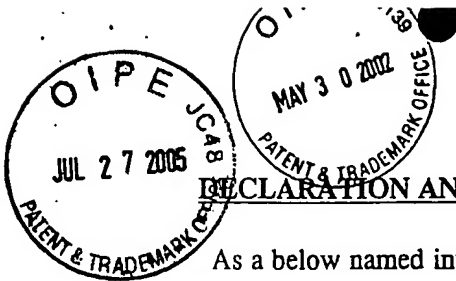
The Examiner is invited to telephone the undersigned to help expedite the prosecution of this patent application.

Respectfully submitted,

Date: July 25, 2005

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Attorney Docket No.: P-4661-US

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below under my name.

I believe that I am an original, sole and or joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**RAKE RECEIVER INTERFACE**

the Specification of which

- ☐ is attached hereto  
☒ was filed on **February 19, 2002**  
as United States Application Number or PCT International  
Application No. 10/076,957  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified Specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any provisional application filed in the United States in accordance with 35 U.S.C. §1.119(e), or any application for patent that has been converted to a Provisional Application within one (1) year of its filing date, or any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**PRIOR FILED APPLICATION(S)**

<u>APPLICATION</u> <u>NUMBER</u>	<u>COUNTRY</u>	<u>(DAY/MONTH/YEAR FILED)</u>	<u>PRIORITY</u> <u>CLAIMED</u>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION  
NO. \_\_\_\_\_

FILING DATE  
(DAY/MONTH/YEAR) \_\_\_\_\_

STATUS - PATENTED,  
PENDING, ABANDONED \_\_\_\_\_

I hereby appoint as my attorney(s) and agent(s) Heidi M. Brun (Agent, Registration No. 34,504), or Mark S. Cohen (Attorney, Registration No. 42,425) or Rochel L. Abboudi (Agent, Registration No. 44,490) or Vladimir Sherman (Attorney, Registration No. 43,116) or Adele Marcus (Agent, Registration No. 47,769) or Caleb Pollack (Attorney, Registration No. 37,912) said attorney(s) and agent(s) with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence regarding this application to:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

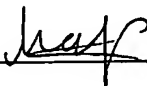
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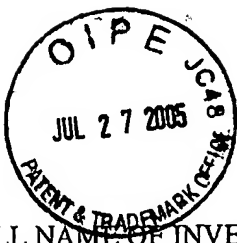
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DATE

14/5/02